

Product datasheet for **RC222370A1V**

Human DOK3 (NM_024872) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DOK3 (NM_024872) AAV Particle
Tag:	Myc-DDK
Symbol:	DOK3
Synonyms:	DOKL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC222370 representing NM_024872
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTCGGGGAGCCAGACTGCGATCAGACGCGCGTGCCAGCTGAACCAGCTGTCTCTGGACGGAGGGA
 CGGGAAGTGGCCAGAAGGGGAAGTGTGAGGAGTTCCTCGTCCAGCCTGTATCAGTCTCCCAAGTCTTGA
 AGCGGCGGCCCTGCTCCTGGCCGTGACCATGGACCCTCTGGAGACCCCTATCAAGGATGGCATCTCTAC
 CAGCAGCATGTCAAGTTTGGCAAGAAGTGTGGCGAAGGTGTGGGCTCTGCTGTATGCAGGAGGCCAT
 CAGGCGTGGCAGCGCTGGAGAGCTGGGAGTCCGGGATGGTGGCTGGGAGCAGCGGGTACAGGTGCGC
 AGGGCTGGCCGGCGAGGGGAGCGACGGGTATCCGCCTGGCTGACTGTGTGTCCTGCTGCCGGCTGAC
 GCGAGAGCTGCCCCGGGACACCGGTGCCTTCTGCTCACCACCACGAGCGAAGCCATCTACTGGCTG
 CTAGCACCAGCGAGCCTGGATGGGCCCATCTGCCAGCTGGCCTTCCCGGGACAGGGGAGGCCTCTC
 AGGATCCACAGATGCCAGTCTCCAAGAGGGGCTGGTCCCATGGAGGAAACTCCATCTACTCTCC
 TGGCAGGAAGTGGCGAGTTTCCCGTGGTGGTGCAGAGGACTGAGGCCGCCACCCGCTGCCAGCTGAAGG
 GGCCGGCCCTGCTGGTGTGGGCCAGACGCCATCCAGCTGAGGGAGGCCAAGGGCACCCAGGCCCTCTA
 CAGCTGGCCCTACCACTTCTGCGCAAGCTCGGCTCCGACAAGGGCGTGTCTCTTTGAGGCCGGCCGT
 CGCTGCCACTCGGGTGAAGGCCCTTTTGCCTTCAGCACCCCTGTGCCCTGACCTGTGCAGGGCTGTGG
 CCGGGGCCATCGCCGCCAGCGGGAGCGGCTGCCAGAGCTGACCAGGCCCCAGCCCTGCCCCCTGCCACG
 GGCCACCTCTGCCCCCTTGGACACCCCGGAGAGCTTCGGGAGATGCCACCAGGACCTGAGCCACCC
 ACGTCCAGGAAATGCACCTGGCCGAGCCCGGACCCAGAGCCTGCCGCTACTGCTAGGCCCGGAGCCCA
 ACGATCTGGCGTCCGGGCTCTACGCTTCAGTGTGCAAGCGTGCCAGTGGGCCCCAGGCAATGAGCACCT
 CTATGAGAACCTGTGTGTGTGTGGAGGCCAGCCCCACGCTGCACGGTGGGGAACCTGAGCCGCACGAGGGC
 CCGGCAGCCGACGCCCAACAGTCCCATCTACCACAACGCCAGGACTTGAGCTGGCCCGGCCCGG
 CCAACGACAGTACCCTGGAGGCCAGTACCGCGGCTGCTGGAGCTGGATCAGGTGGAGGGCACAGGCCG
 CCCTGACCCTCAGGCAGGTTTCAAGGCCAAGCTGGTGACCCTGCTGAGTCGTGAGCGGAGGAAGGCCCA
 GCCCTTGTGACCGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC222370 representing NM_024872
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MTRGARLRSDARAQLNQLSLDGGTSGGQKKGKCEEFSSLSVSPGLEAAALLAVTMDPLETPIKDGIY
 QQHVKFGKKCWRKVWALLYAGGPGSVARLESWEVRDGGGLAAGDRSAGPGRRGERRVIRLADCVSVLPAD
 GESCPRTDGAFLTTTTERSHLLAAQHRQAWMGPIQLAFPGTGEASSGSTDAQSPKRGLVPMEENSIYSS
 WQEVGEFPVVVQRTEAATRCQLKGPALLVLGPDAIQLREAKGTQALYSWPYHFLRKLGSDKGVFSFEAGR
 RCHSGEGLFAFSTPCAPDL CRAVAGAIARQRERLPELTRPQPCPLPRATSLPSLDTPGELREMPPEPP
 TSRKMHLEAPGPQSLPLLLGPEPNDLASGLYASVCKRASGPPGNEHLYENLCVLEASPTLHGGEPEPHEG
 PGRSPTTSPIYHNGQDL SWPGPANDSTLEAQYRRLLELDQVEGTGRDPDQAGFKAKLVTLISRERRKGP
 APCDRP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_024872

ORF Size:

1488 bp

Buffer:	PBS with 0.001% Pluronic F68
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_024872.1, NP_079148.1</u>
RefSeq Size:	1762 bp
RefSeq ORF:	1323 bp
Locus ID:	79930
UniProt ID:	<u>Q7L591</u>
Cytogenetics:	5q35.3
MW:	53.1 kDa